

S5	161196	primer or oligonucleotide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:27
S6	738	(first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:27
S7	19017	(first or second or third) NEAR2 (primer or oligonucleotide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:28
S8	8722	(first or second or third) NEAR2 ("polymerase chain reaction" or PCR)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:28
S9	337	"pmol/L"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:28
S10	6	(motoda.in. or yabuki.in. or kigawa.in.) and ("template DNA" or (template NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:32
S11	11574	("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:33
S12	3300	((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:33
S13	390	((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:33
S14	265	(((((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:33

S15	262	((((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) and (primer or oligonucleotide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:33
S16	0	(((((((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) and (primer or oligonucleotide)) and ((first or second or third) NEAR2 (primer or oligonucleotide))) and "pmol/L"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:34
S17	230	((((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) and (primer or oligonucleotide)) and ((first or second or third) NEAR2 (primer or oligonucleotide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:42
S18	296381	multiplex\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:35
S19	2598	multiplex\$ WITH ("polymerase chain reaction" or PCR)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:36
S20	39692	("polymerase chain reaction" or PCR) NEAR5 amplific\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:43

S21	4743	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) SAME ("template DNA" or (template NEAR2 DNA)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:43
S22	1904	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) SAME ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:43
S23	951	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) SAME ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:45
S24	976	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) SAME ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) @pd<="2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:44
S25	100	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) SAME ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) and "PCR cloning"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:54
S26	12384	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) and ("DNA template" or "template DNA" or "specific DNA fragments"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:52
S27	7191	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) and ("DNA template" or "template DNA" or "specific DNA fragments"))) and ((first or second or third) WITH primer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:54
S28	5283	nested WITH ("polymerase chain reaction" or PCR)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 16:03

S29	173	(nested WITH ("polymerase chain reaction" or PCR)) SAME ("template DNA" or (template NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:55
S30	552	(nested WITH ("polymerase chain reaction" or PCR)) SAME ((first or second or third) NEAR2 (primer or oligonucleotide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 16:04
S31	259	((nested WITH ("polymerase chain reaction" or PCR)) SAME ((first or second or third) NEAR2 (primer or oligonucleotide))) and ("template DNA" or (template NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 16:31
S32	281	(1st or 2nd or 3d) NEAR2 primer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 16:22
S33	11	((1st or 2nd or 3d) NEAR2 primer) SAME ("template DNA" or (template NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 16:22
S34	1107	"two-step" NEAR2 PCR	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 16:32
S35	259	("two-step" NEAR2 PCR) and ("template DNA" or (template NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 16:54
S36	54342	"affinity tag" or "maltose binding" or "cellulose binding" or "glutathione-s-transferase" or streptavidin or biotin or "his tag" or "histidine tag"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 16:56
S37	188	("affinity tag" or "maltose binding" or "cellulose binding" or "glutathione-s-transferase" or streptavidin or biotin or "his tag" or "histidine tag") and ("two-step" NEAR2 PCR) and ("template DNA" or (template NEAR2 DNA)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 17:09
S38	3780	"6-His" or "histidine tag" or "6-his tag"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 17:09
S39	60	((("two-step" NEAR2 PCR) and ("template DNA" or (template NEAR2 DNA))) and ("6-His" or "histidine tag" or "6-his tag" )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 19:02

S40	409	"transcription template"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 17:11
S41	4	"transcription template" and ("polymerase chain reaction" or PCR) and ((first or second or third) NEAR2 DNA) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 17:11
S42	0	"native his tag"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 19:14
S43	2163	"protein synthesis" WITH "in vitro"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 19:15
S44	2110	"protein synthesis" NEAR4 "in vitro"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 19:15
S45	4	("protein synthesis" NEAR4 "in vitro") WITH cell-free	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 19:15
S46	3969	motoda.in. or yabuki.in. or kigawa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S47	22344	"template DNA" or (template NEAR2 DNA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S48	87075	"polymerase chain reaction" or PCR	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S49	17305	(first or second or third) NEAR2 DNA	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S50	174455	primer or oligonucleotide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59

S51	797	(first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S52	20848	(first or second or third) NEAR2 (primer or oligonucleotide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S53	9716	(first or second or third) NEAR2 ("polymerase chain reaction" or PCR)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S54	385	"pmol/L"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S55	10	(motoda.in. or yabuki.in. or kigawa.in.) and ("template DNA" or (template NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S56	13066	("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S57	3650	((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S58	426	((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S59	293	((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59

S60	400	((((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) and (primer or oligonucleotide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S61	1	((((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) and (primer or oligonucleotide)) and ((first or second or third) NEAR2 (primer or oligonucleotide))) and "pmol/L"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S62	333	((((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) and (primer or oligonucleotide)) and ((first or second or third) NEAR2 (primer or oligonucleotide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S63	315474	multiplex\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S64	2996	multiplex\$ WITH ("polymerase chain reaction" or PCR)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S65	44404	("polymerase chain reaction" or PCR) NEAR5 amplific\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59

S66	5277	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) SAME ("template DNA" or (template NEAR2 DNA)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S67	2089	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) SAME ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S68	1042	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) SAME ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S69	1067	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) SAME ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) @pd<="2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S70	0	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) SAME ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) and "PCR cloning"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S71	13840	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) and ("DNA template" or "template DNA" or "specific DNA fragments"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S72	7997	((("polymerase chain reaction" or PCR) NEAR5 amplific\$) and ("DNA template" or "template DNA" or "specific DNA fragments"))) and ((first or second or third) WITH primer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S73	5880	nested WITH ("polymerase chain reaction" or PCR)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59



S74	189	(nested WITH ("polymerase chain reaction" or PCR)) SAME ("template DNA" or (template NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S75	625	(nested WITH ("polymerase chain reaction" or PCR)) SAME ((first or second or third) NEAR2 (primer or oligonucleotide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S76	298	((nested WITH ("polymerase chain reaction" or PCR)) SAME ((first or second or third) NEAR2 (primer or oligonucleotide))) and ("template DNA" or (template NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S77	309	(1st or 2nd or 3d) NEAR2 primer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S78	11	((1st or 2nd or 3d) NEAR2 primer) SAME ("template DNA" or (template NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S79	1270	"two-step" NEAR2 PCR	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S80	303	("two-step" NEAR2 PCR) and ("template DNA" or (template NEAR2 DNA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S81	60599	"affinity tag" or "maltose binding" or "cellulose binding" or "glutathione-s-transferase" or streptavidin or biotin or "his tag" or "histidine tag"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S82	216	("affinity tag" or "maltose binding" or "cellulose binding" or "glutathione-s-transferase" or streptavidin or biotin or "his tag" or "histidine tag") and (("two-step" NEAR2 PCR) and ("template DNA" or (template NEAR2 DNA)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S83	4366	"6-His" or "histidine tag" or "6-his tag"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S84	67	((("two-step" NEAR2 PCR) and ("template DNA" or (template NEAR2 DNA))) and ("6-His" or "histidine tag" or "6-his tag" )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59

S85	483	"transcription template"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S86	4	"transcription template" and ("polymerase chain reaction" or PCR) and ((first or second or third) NEAR2 DNA) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S87	1	"native his tag"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S88	2246	"protein synthesis" WITH "in vitro"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S89	2186	"protein synthesis" NEAR4 "in vitro"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S90	7	("protein synthesis" NEAR4 "in vitro") WITH cell-free	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/25 12:59
S91	42841	endo.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/25 13:13
S92	47	S91 and "cell free protein"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/25 13:13
S93	4	S92 and "dilution batch"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/25 14:26

	U	Document ID	Title
1	X	US 20040230042 A1	Expression of class 2 mannosidase and class III mannosidase in lower eukaryotic cells
2	X	US 20040214292 A1	Method of producing template DNA and method of producing protein in cell-free protein synthesis system using the same
3	X	US 20040115815 A1	Single promoter system for making siRNA expression cassettes and expression libraries using a polymerase primer hairpin linker
4	X	US 20040091918 A1	Methods and kits for synthesis of siRNA expression cassettes
5	X	US 20040018590 A1	Combinatorial DNA library for producing modified N-glycans in lower eukaryotes
6	X	US 20040014085 A1	Method for the recombination of genetic elements
7	X	US 20030228660 A1	Eukaryotic signal sequences for polypeptide expression and polypeptide display libraries
8	X	US 20030166054 A1	Enhanced in vitro protein synthesis
9	X	US 20030162249 A1	Eukaryotic signal sequences for prokaryotic expression
10	X	US 5912140 A	Recombinant pneumocystis carinii aminoacyl tRNA synthetase genes, tester strains and assays